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C of C



Nira M. Brand
Patent Scientist

September 6, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Title: METHOD AND APPARATUS TO CORRECT WAFER DRIFT
Letters Patent No.: 7,008,802
Issued: March 7, 2006
Our Reference No.: ASMEX.282A

Dear Sir:

Enclosed for filing is a Certificate of Correction in connection with the above-identified patent.

As the errors cited in the Certificate of Correction were incurred through the fault of the Patent Office, no fee is believed to be required. However, please charge our Deposit Account No. 11-1410 for any fees that may be incurred with this request.

Respectfully submitted,

Knobbe, Martens, Olson & Bear, LLP

Nira Brand

Nira Brand
Registration No. 52,648
Customer No. 20,995

Certificate
SEP 14 2006
of Correction

Enclosures

2849307
081706

San Diego
619-235-8550

San Francisco
415-954-4114

Los Angeles
310-551-3450

Riverside
951-781-9231

San Luis Obispo
805-547-5580

SEP 15 2006

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,008,802
APPLICATION NO. : 09/870,393
ISSUE DATE : March 7, 2006
INVENTOR(S) : Zhimin Lu

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On page 1 of the Specification, in the Title, Delete 'WATER' and insert --WAFER--, therefor.

In column 1, at line 2: Delete 'WATER' and insert --WAFER--, therefor.

In column 8, at line 14: Delete "parameters" and insert --parameter f_i --, therefor.

In column 8, at line 16: Delete " p_1 " and insert $-p_i$ --, therefor.

In column 10, at line 48: Delete " α_L " and insert -- Δ_L --, therefor.

In column 10, at line 48: Delete " α_R " and insert -- Δ_R --, therefor.

In column 10, at line 51: Delete "maybe" and insert --may be--, therefor.

In column 15, at line 50, in Claim 18: Delete " (p_1-p_1') " and insert -- $(p_i-p'_i)$ --, therefor.

In column 15, at line 61, in Claim 19: Delete " I_{max} " and insert -- I_{max} --, therefor.

In column 15, at line 61, in Claim 19: Delete " I_{min} " and insert -- I_{min} --, therefor.

In column 15, at line 63, in Claim 19: Delete " I_{max} " and insert -- I_{max} --, therefor.

In column 15, at line 63, in Claim 19: Delete " I_{min} " and insert -- I_{min} --, therefor.

In column 16, at line 25, in Claim 21: Delete " Θ_i " and insert -- Θ_g --, therefor.

In column 16, at line 27, in Claim 21: Delete " Θ_x " and insert -- Θ_g --, therefor.

In column 16, at line 37, in Claim 22: After "in" delete "a".

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DOCKET NO. ASMEX.282A

SEP 15 2006

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

Page 2 of 2

PATENT NO. : 7,008,802
APPLICATION NO. : 09/870,393
ISSUE DATE : March 7, 2006
INVENTOR(S) : Zhimin Lu

In column 16, at approximately line 47, in Claim 22: Delete "axis" and insert --axis--, therefor.

In column 18, at line 12, in Claim 35: Delete "effector," and insert --effector;--, therefor.

In column 18, at line 16, in Claim 35: Delete " v_1^- ," and insert -- v_1 --;--, therefor.

In column 18, at line 21, in Claim 35: Delete "(c)" and insert --(e)--, therefor.

In column 18, at line 25, in Claim 35: After "system" insert --if--.

Please replace all of the informal figures with the formal figures filed on June 28, 2001 and received by the PTO on July 2, 2001 as shown on the enclosed copy of the return postcard. A copy of the formal drawings is attached hereto.

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081606

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DOCKET NO. ASMEX.282A

SEP 15 2006

UTILITY/DESIGN PATENT *Formal Drawings* DATE: 6/28/01

~~(amend/final amend)~~ Submission of DATE OF O.A.: _____

Rec'd in the U.S.P.T.O. on the date stamped hereon via Certificate of Mail:

Atty Dkt # 15max.28219 A/N: 59/870, 393 Filed: 5/29/01

Exr: unknown Atty: ABA Art Unit: unknown

Applicant(s): Zhimin Lu

Title: Method & Apparatus to Correct Wafer Drift

VERIFIED BY: Asst: UA Quality Control: _____

☐ Transmittal Sheet in dupl. ☐ Amendment in _____ pgs.

☐ _____ Mo. Ext. of Time in dupl. ☐ Small Entity Statement(s) _____

☐ Req. for Drawing Changes, marked in RED ☒ Submission of Formal Drawings _____

_____ pgs of Drawings Transmittal

☐ Information Disclosure Statement; ☒ 12 pgs of Formal Drawings

PTO-1449 w/ _____ Refs. ☐ Check for Amendment

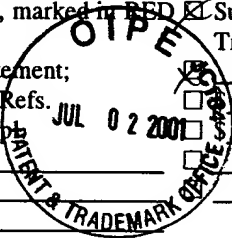
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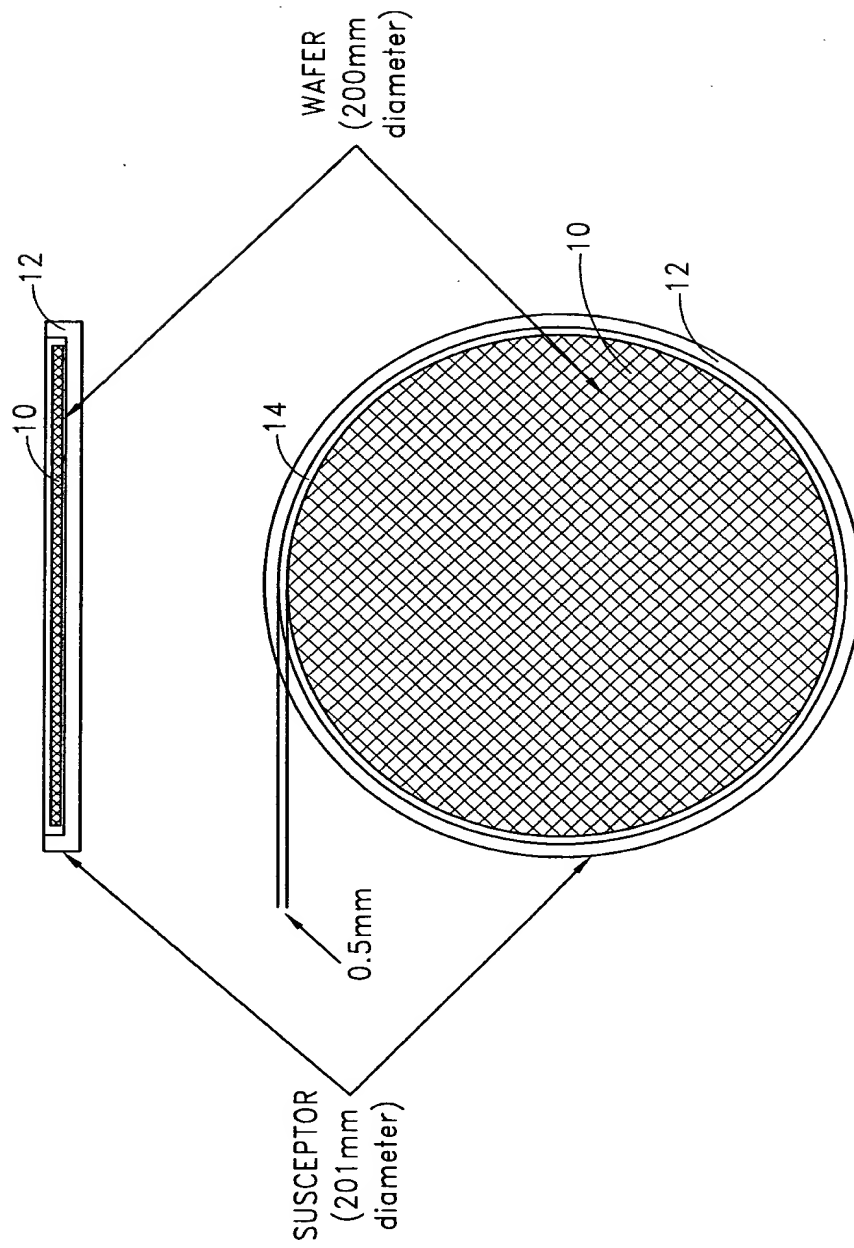


FIG. 1

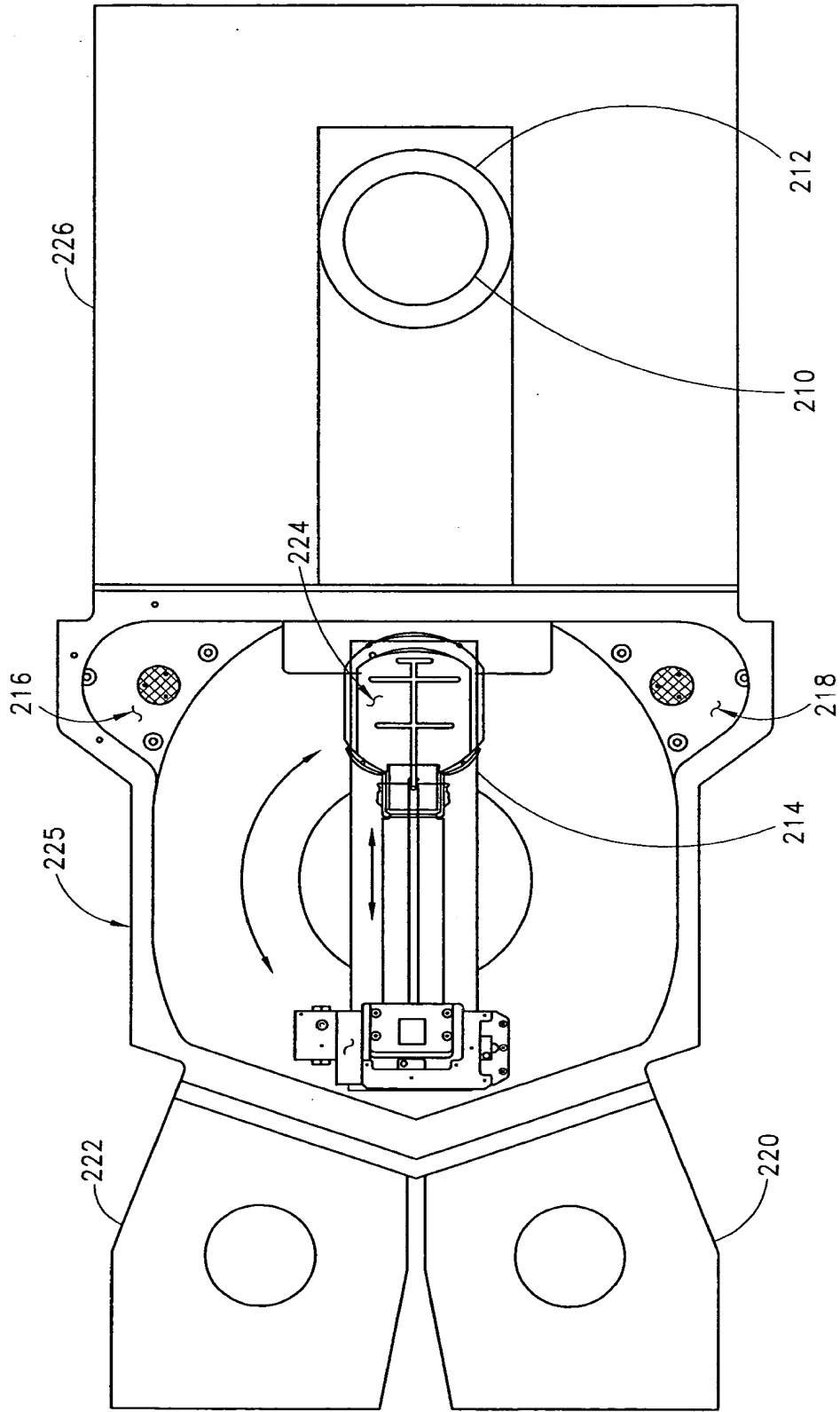


FIG. 2A

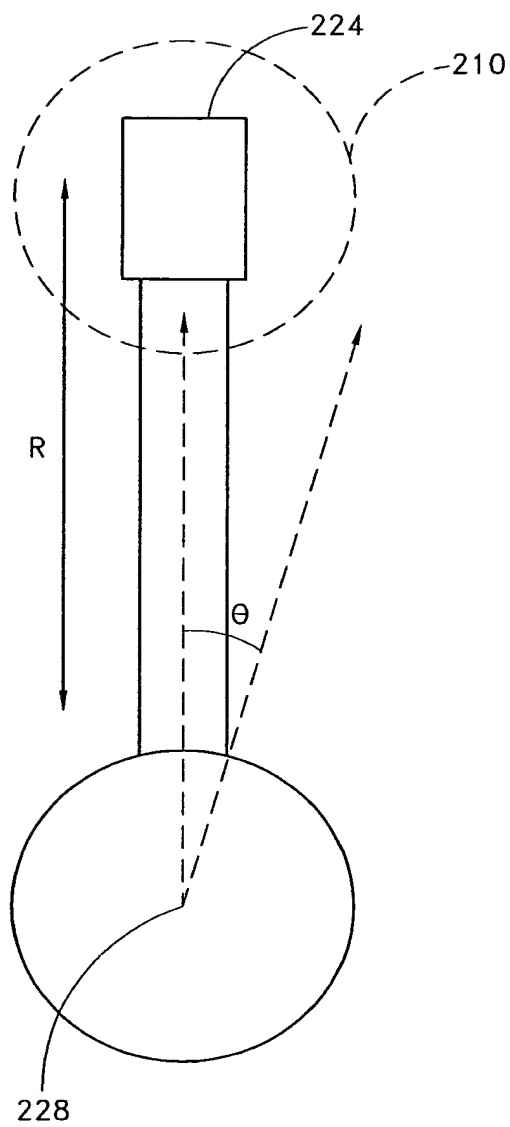


FIG. 2B

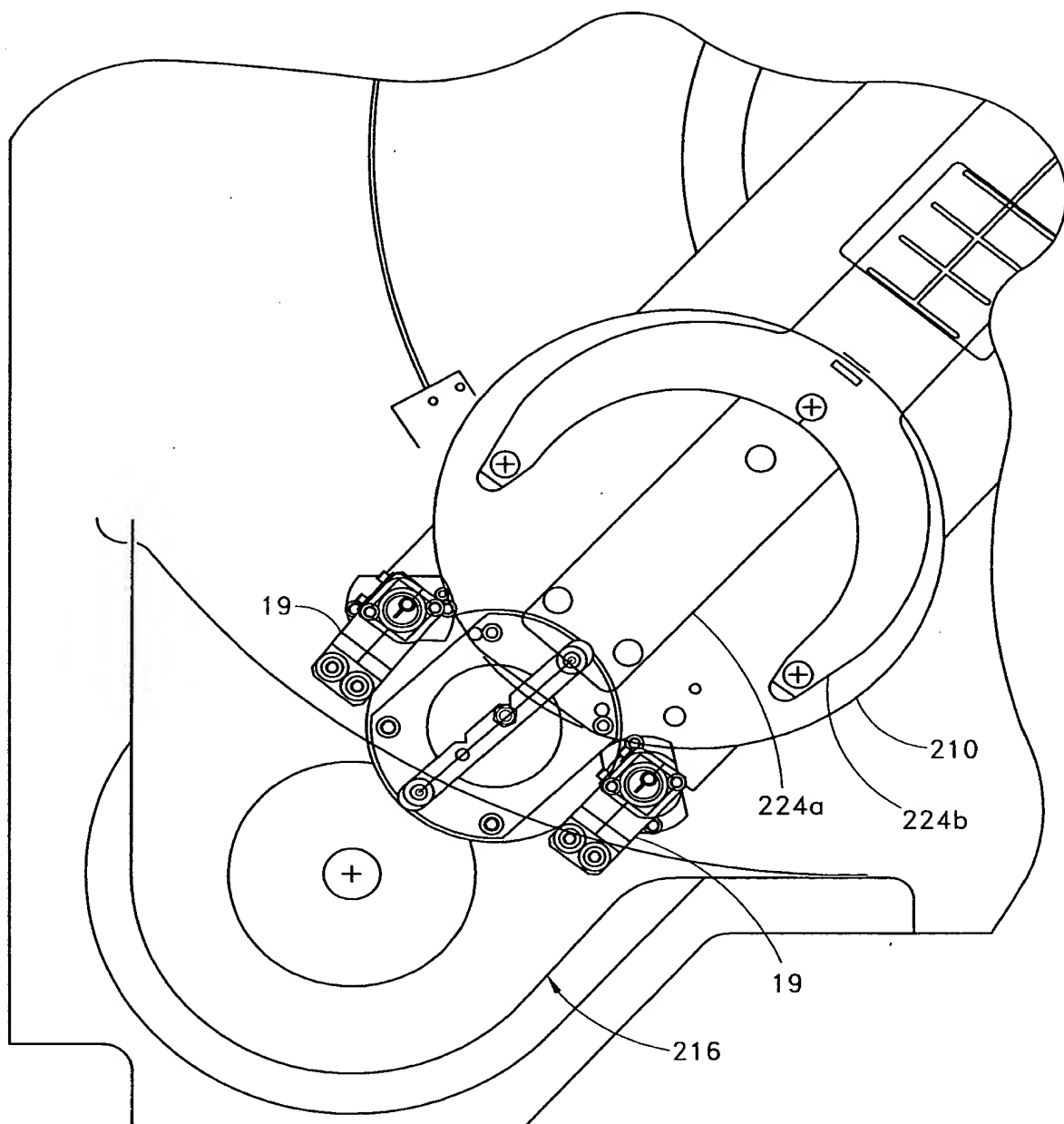


FIG. 2C

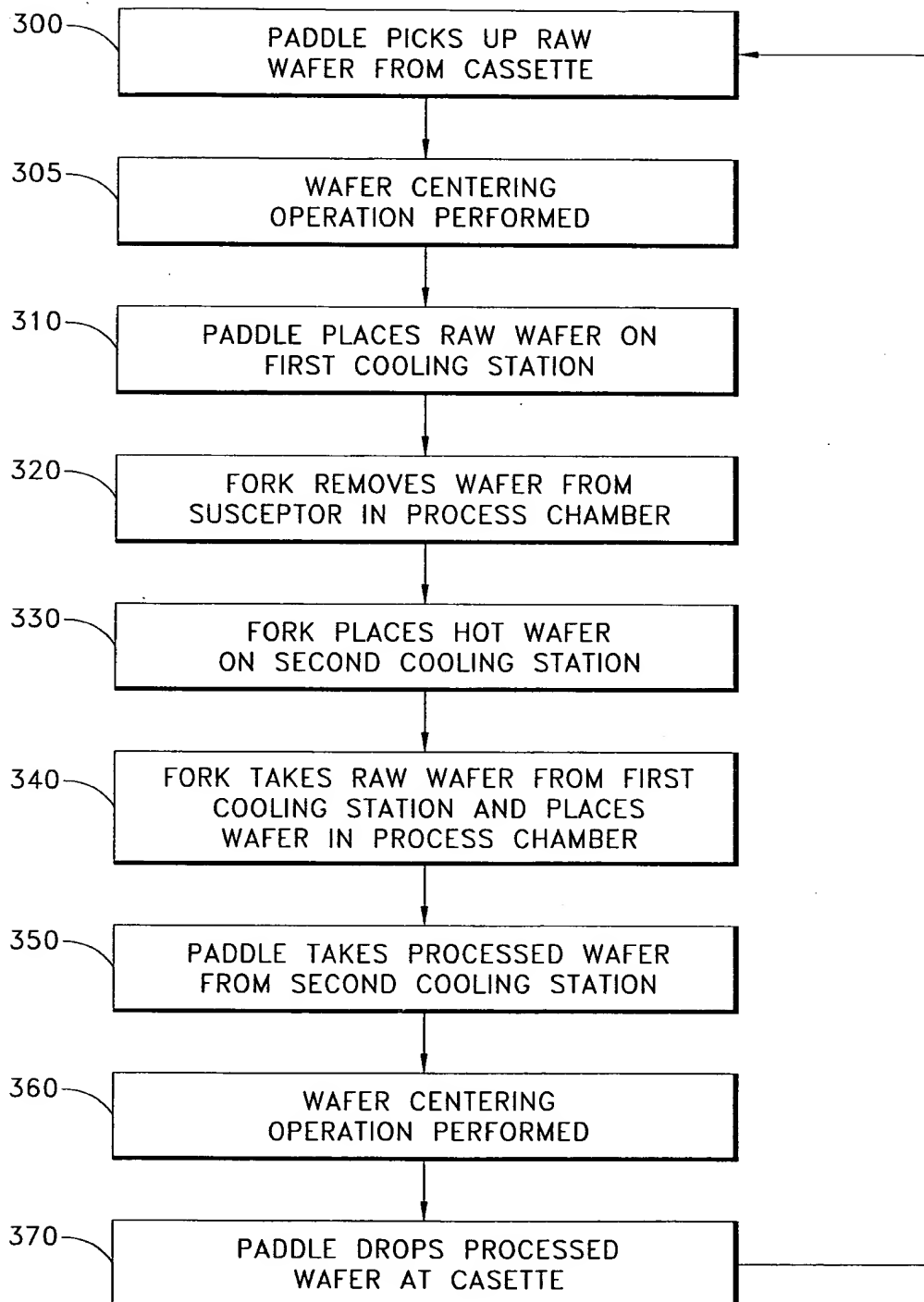


FIG. 3

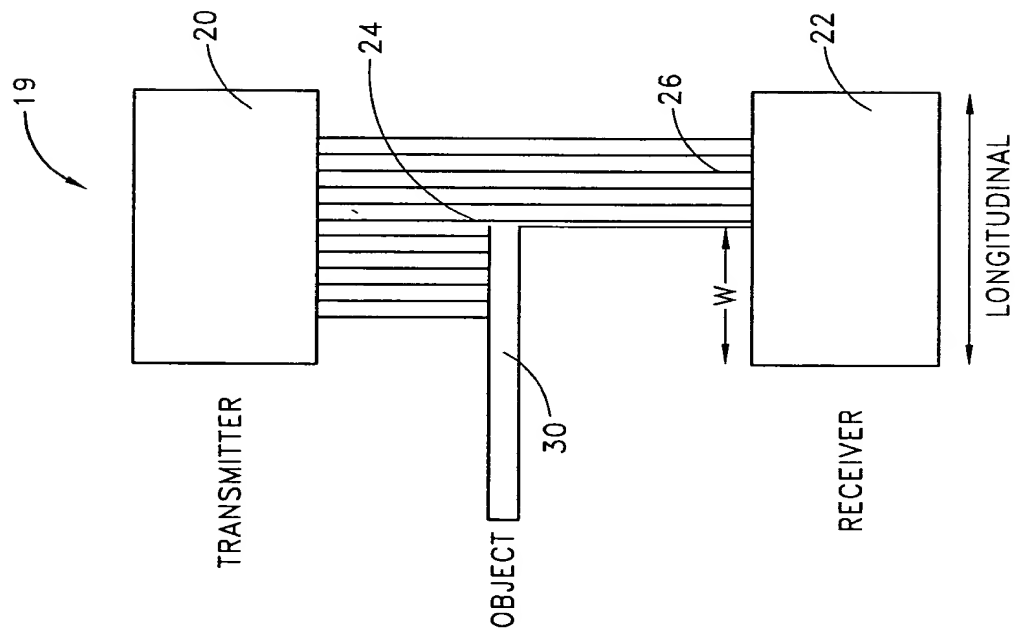


FIG. 4

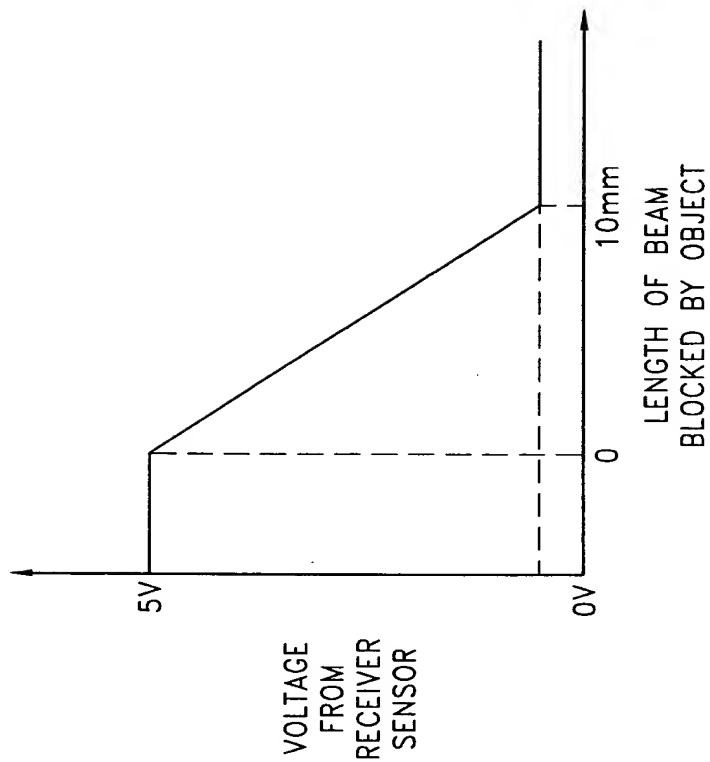


FIG. 5

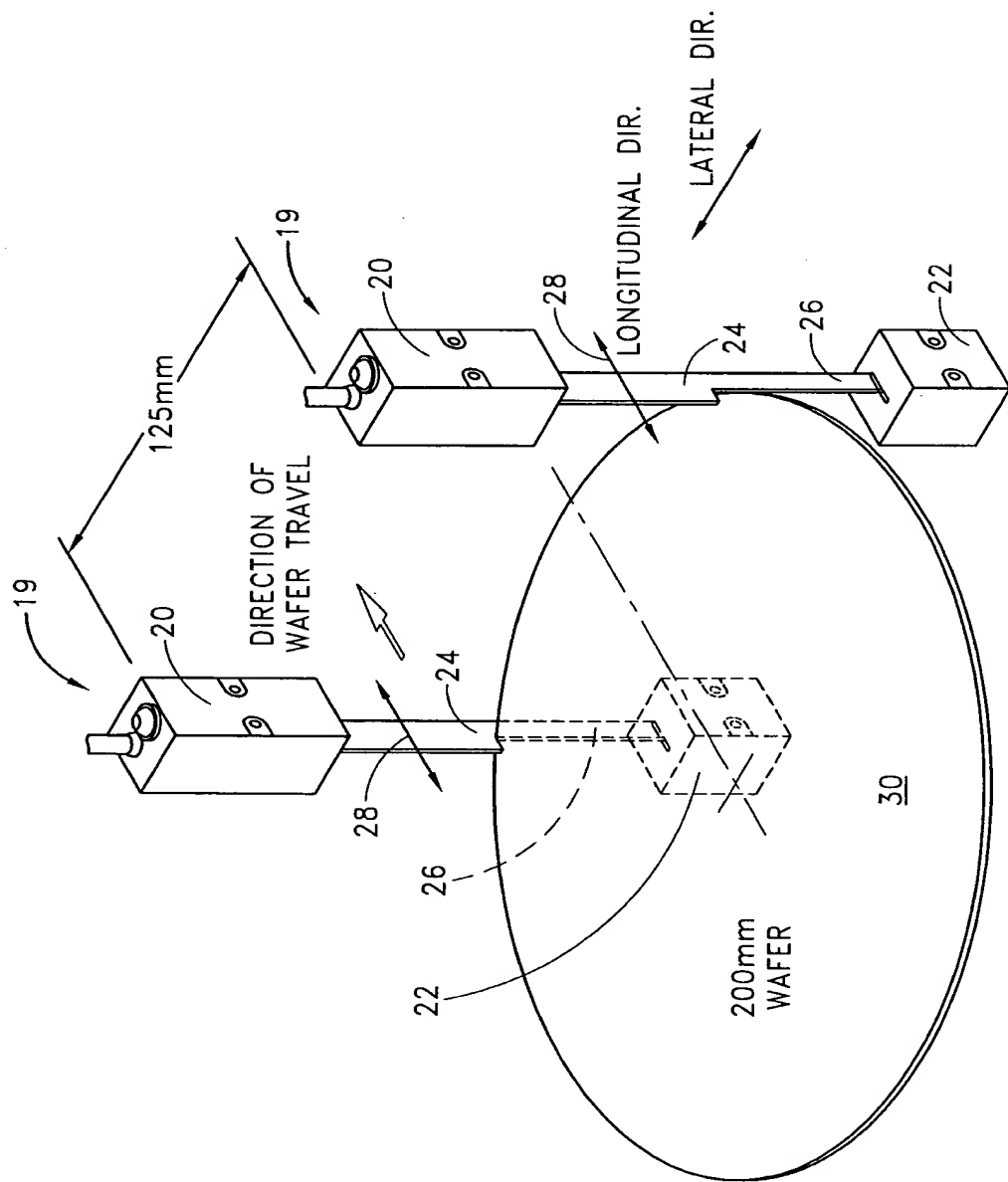


FIG. 6

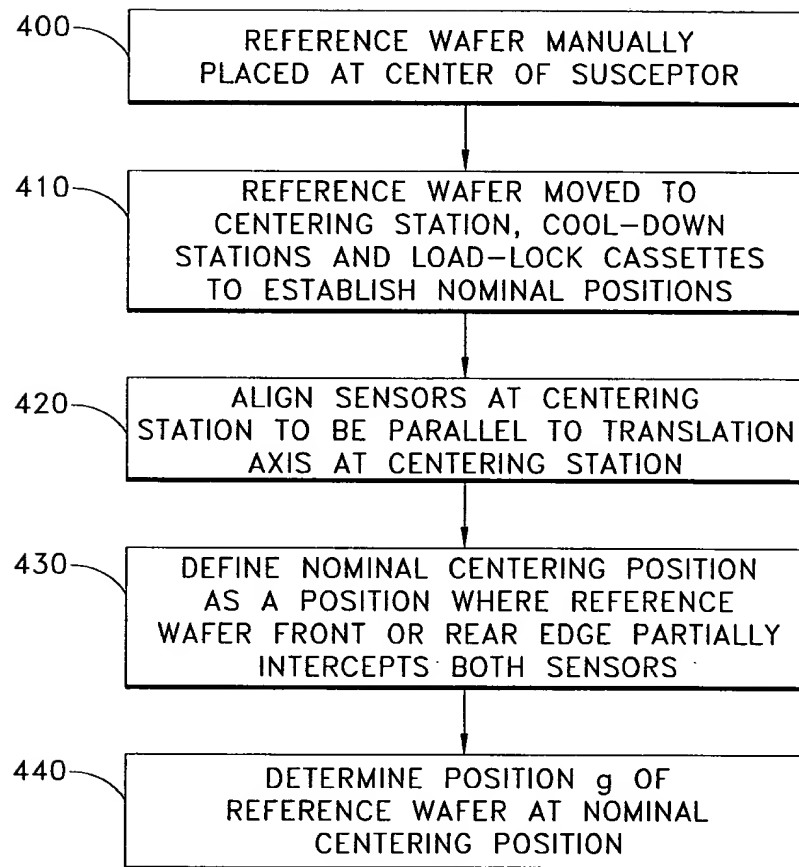


FIG. 7

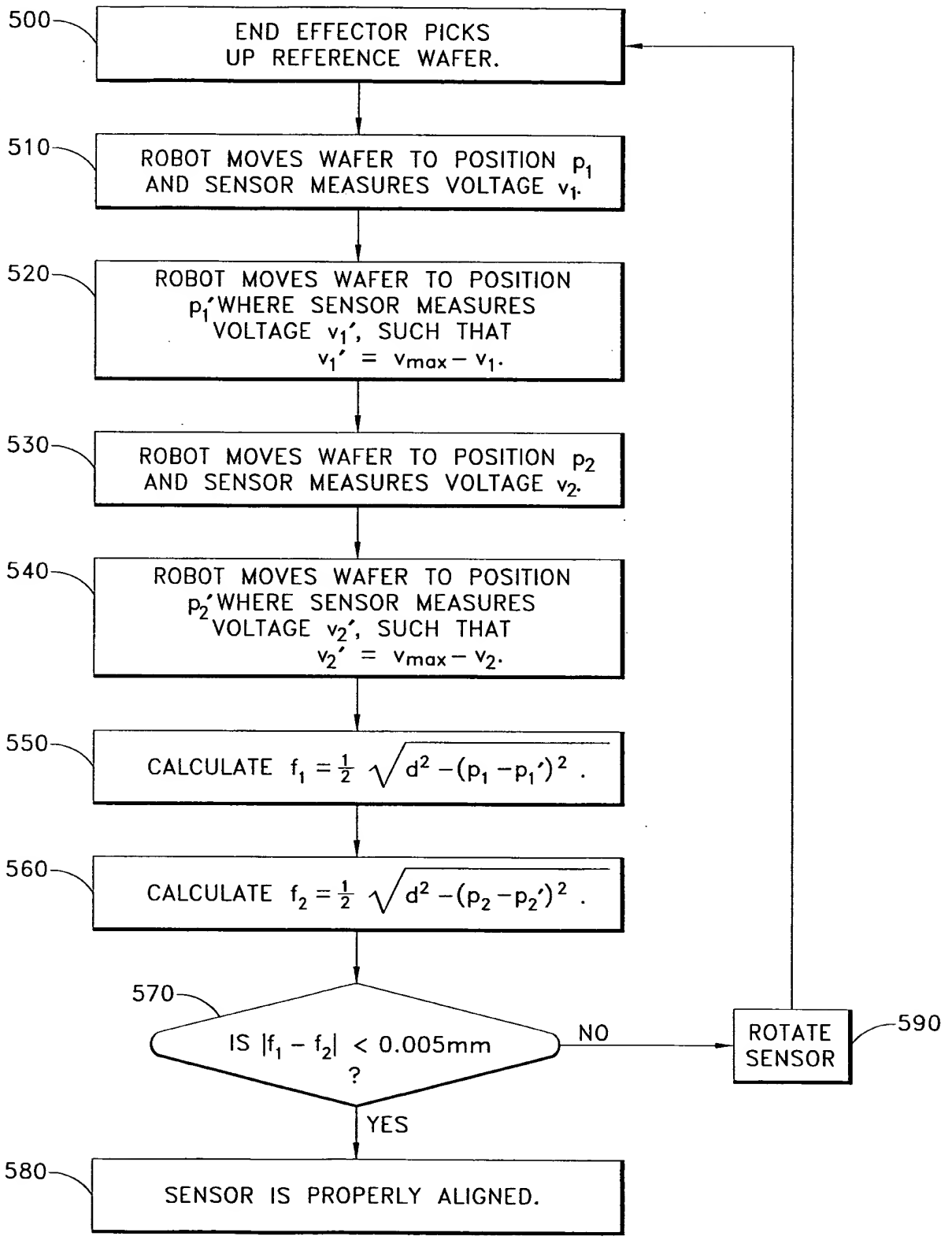


FIG. 8

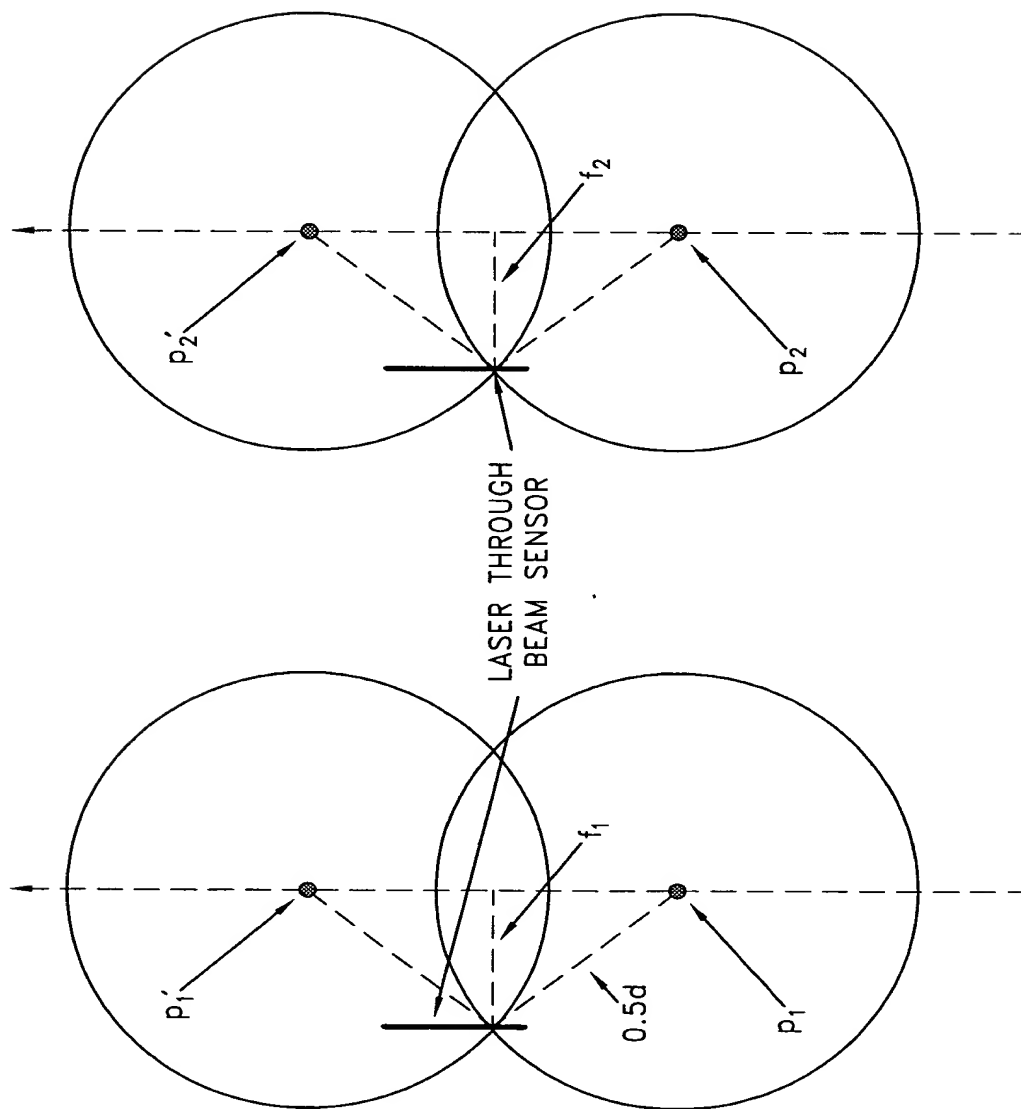


FIG. 10

FIG. 9

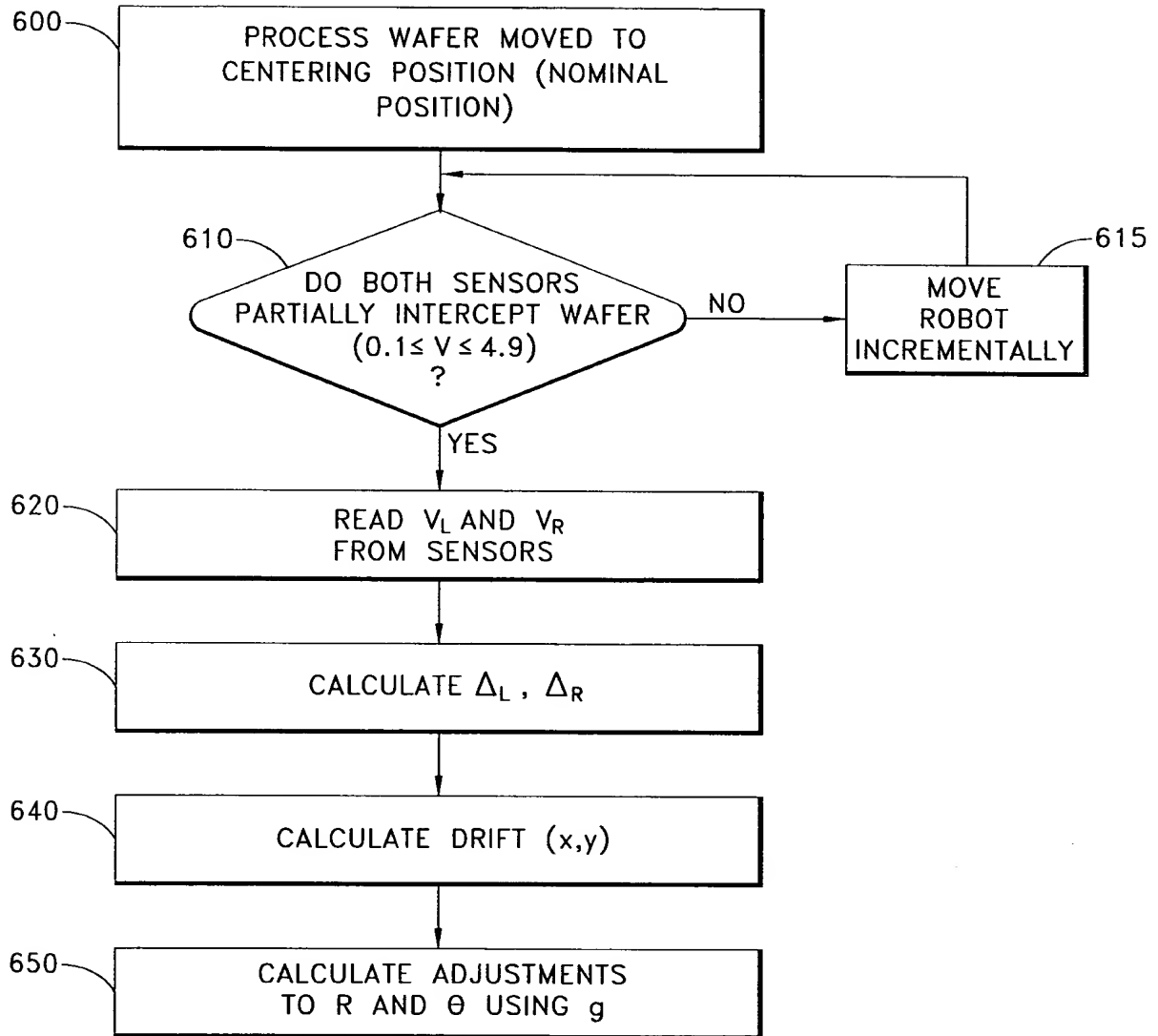


FIG. 11

WAFER POSITION/ERROR CALCULATION

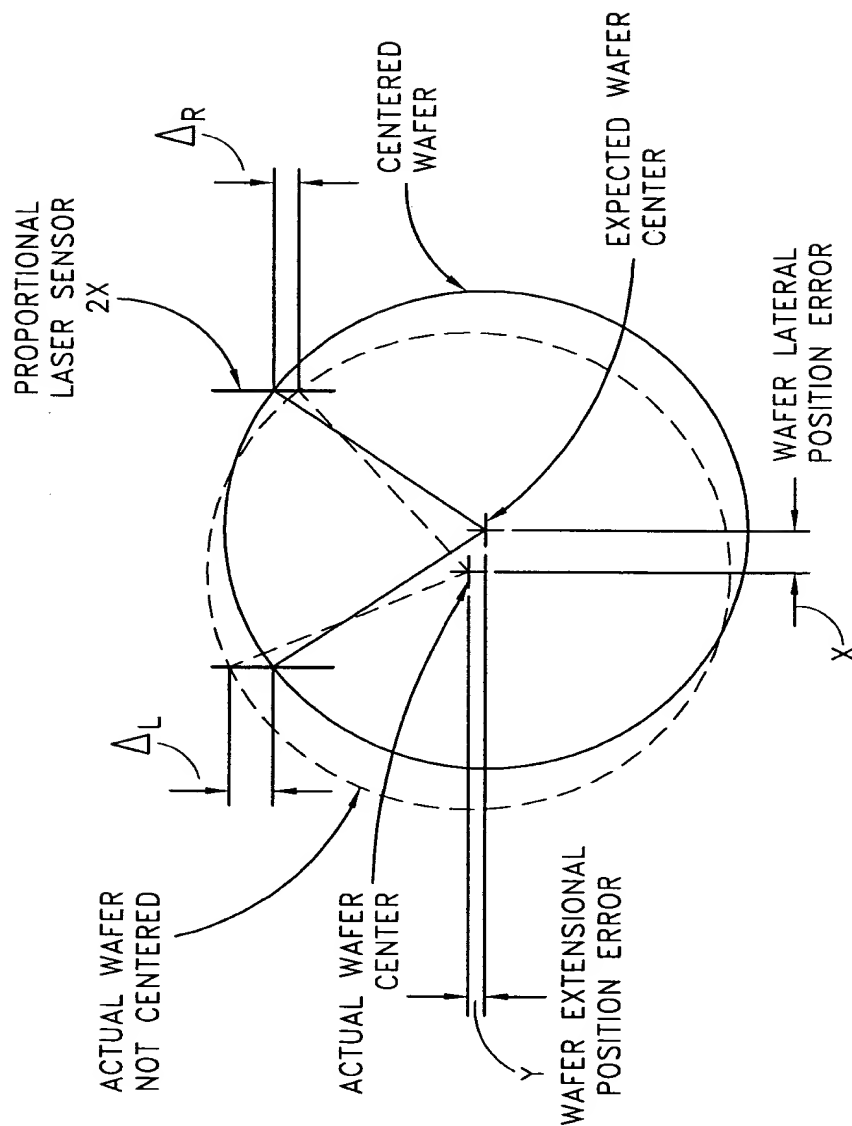


FIG. 12